

MATERIAL SAFETY DATA SHEET

Gluter8

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gluter8
Product Use: Disinfectant.
Manufacturer: Germiphene
1379 Colborne St. E
Brantford, Ontario N3T 5M1
Phone Number: 1-800-265-9931
Emergency Phone: Canada - Canutec 1 (613) 996-6666 (24 hours)
Date of Preparation: January 18, 2013

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER

MAY CAUSE RESPIRATORY SENSITIZATION. RISK OF SERIOUS DAMAGE TO EYES. MAY CAUSE SKIN IRRITATION. MAY CAUSE SENSITIZATION BY SKIN CONTACT.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Skin contact, eye contact, inhalation and ingestion.

Eye: Contact causes severe eye irritation. May cause burns.

Skin: May irritate skin. May cause sensitization by skin contact.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Inhalation: May cause respiratory tract irritation. May cause respiratory sensitization.

Chronic Effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis. May cause sensitization by inhalation and skin contact.

Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms may include redness, edema, drying, defatting and cracking of the skin. Cough, discomfort, difficulty breathing, or shortness of breath.

Medical Conditions Aggravated By Exposure:

Certain pre-existing conditions may make workers particularly susceptible to the effects of this chemical: asthma, allergies, impaired pulmonary function.

Target Organs: Not available.

Potential Environmental Effects: See Section 12 for more information.

This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
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Not applicable to DIN products. Refer to product label for active ingredient content.

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Section 4: FIRST AID MEASURES

- Eye Contact:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
- Skin Contact:** After contact with skin, wash immediately with plenty of water. Remove and wash contaminated clothing before re-use. If irritation persists, get medical attention.
- Inhalation:** If breathed in, move person into fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
- Ingestion:** If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. If swallowed, rinse mouth with water (only if the person is conscious).
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).
- Note to Physicians:** Symptoms may be delayed.

Section 5: FIRE FIGHTING MEASURES

- Flammability:** Not flammable by WHMIS criteria.
- Means of Extinction:**
- Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.
- Unsuitable Extinguishing Media:** Not available.
- Products of Combustion:** Oxides of carbon.
- Explosion Data:**
- Sensitivity to Mechanical Impact:** Not available.
- Sensitivity to Static Discharge:** Not available.
- Protection of Firefighters:** In case of fire and/or explosion do not breathe fumes. Firefighters should wear full protective clothing including self contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate area. Keep unnecessary personnel away.
- Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas.
- Methods for Containment:** Prevent further leakage or spillage if safe to do so. Use sand, perlite or vermiculite as an absorbent for large spills of this material.
- Methods for Clean-Up:** Sweep up or gather material and place in appropriate container for disposal.
- Other Information:** Not available.

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Section 7: HANDLING AND STORAGE

Handling:

Avoid contact with eyes. Avoid contact with skin. Do not swallow. Do not breathe vapour. Use only in a well-ventilated area. Handle and open container with care. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

Storage:

Keep out of the reach of children. Store in a closed container away from incompatible materials. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal Protective Equipment:

Eye/Face Protection: Wear safety glasses with side shields.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear.
Colour:	Blue.
Odour:	Aldehyde. Lime.
Odour Threshold:	Not available.
Physical State:	Liquid.
pH:	5.4 - 6.0
Viscosity:	Water thin.
Freezing Point:	~ 32 °F (~ 0 °C)
Boiling Point:	~ 212 °F (~ 100 °C)
Flash Point:	> 200 °F (> 93.3 °C)
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	0.00016 kPa @ 68°F (20°C)
Vapor Density:	>1 (Air = 1)
Specific Gravity:	1.002 @ 68°F (20°C)

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Solubility in Water: Complete.
Coefficient of Water/Oil Distribution: Not available.
Auto-ignition Temperature: Not available.
Percent Volatile, wt. %: Not available.
VOC content, wt. %: Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Conditions of Reactivity: No dangerous reaction known under conditions of normal use.
Incompatible Materials: Acids. Bases. Oxidizers.
Hazardous Decomposition Products: Oxides of carbon.
Possibility of Hazardous Reactions: Will not occur.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Eye: Contact causes severe eye irritation. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Skin: May irritate skin. May cause sensitization by skin contact. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Inhalation: May cause respiratory tract irritation. May cause respiratory sensitization. Cough, discomfort, difficulty breathing, or shortness of breath.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.
Chronic Effects: Not hazardous by WHMIS criteria.
Carcinogenicity: Not hazardous by WHMIS criteria.
Mutagenicity: Not hazardous by WHMIS criteria.
Reproductive Effects: Not hazardous by WHMIS criteria.
Developmental Effects:
 Teratogenicity: Not hazardous by WHMIS criteria.
 Embryotoxicity: Not hazardous by WHMIS criteria.
Respiratory Sensitization: Hazardous by WHMIS criteria.
Skin Sensitization: Hazardous by WHMIS criteria.
Toxicologically Synergistic Materials: Not available.

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Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: This material and its container must be disposed of in a safe way. Dispose in accordance with all applicable regulations.

Section 14: TRANSPORTATION INFORMATION

TDG Classification:
Not regulated

Section 15: REGULATORY INFORMATION

Federal Regulations

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Global Inventories

Inventory	Jurisdiction	Ingredients on List
DSL – Domestic Substances List	Canada	Yes
NDSL – Non-domestic Substances List	Canada	No

WHMIS Classification: Exempt – Registered product – (DIN 02412020)

Section 16: OTHER INFORMATION

Disclaimer: The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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